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**2 Experimental study on head-disk interaction in ramp loading process**
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**4 Shock analysis of MEMS actuator integrated with HGA for operation and non-operational HDD**
*Lim, B.B.; Yang, J.P.; Chen, S.X.; Mou, J.Q.; Lu, Y.;*

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**5 Flow induced vibration of head suspension assemblies in hard drive***Tadepalli, S.; Anandan, P.;*

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**9 Nanometer spacing technologies for ultra-high density surface reco systems***Yanagisawa, M.;*

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